

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"PROCESS FOR ETCHING POLYSILICON GATES WITH GOOD MASK SELECTIVITY, CRITICAL DIMENSION CONTROL, AND CLEANLINESS"

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on _____, under Serial No. (unknown), executed on even date herewith; or
- Express Mail No. _____ (as Serial No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT international application no. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

In compliance with this duty, there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

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No such applications have been filed.

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- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119**

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
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- B. All foreign application(s), if any, filed more than 12 mos. (6 mos. for design) prior to this U.S. application**

Country:

Application No:

Filing date:

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Application No: 60/444,340

Filing date: January 31, 2003

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Full name of sole or first inventor: **Songlin Xu**

Inventor's signature: Songlin Xu Date: 8/15/03
Residence: Fremont, California
Post Office Address: 41641 Denise St.
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Thorsten B. Lill**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California
Post Office Address: 88 Muir Avenue
Santa Clara, CA 95051
U.S.A. Country of Citizenship: Germany

Full name of third inventor: **Yeaier Arthur Chen**

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Residence: Fremont, California
Post Office Address: 744 Bodega Court
Fremont, CA 94539
U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**

Inventor's signature: _____ Date: _____

Residence: San Jose, California
Post Office Address: 4754 San Tropico Court
San Jose, CA 95135

U.S.A. Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**

Inventor's signature: _____ Date: _____

Residence: Milpitas, California
Post Office Address: 755 East Capitol Ave #C-308
Milpitas, CA 95035

U.S.A. Country of Citizenship: Indonesia

Full name of sixth inventor: **Shing-Li Sung**

Inventor's signature: _____ Date: _____

Residence: Hsin-Chu, Taiwan
Post Office Address: N0121, Alley 18, Lane 85, Fu-Chun Street
Hsin-Chu, Taiwan
TAIWAN Country of Citizenship: Taiwan

Full name of seventh inventor: **Jitske K. Trevor-Kretz**

Inventor's signature: _____ Date: _____

Residence: Sunnyvale, California
Post Office Address: 1000 Escalon Avenue, #P1124
Sunnyvale, CA 94086
U.S.A. Country of Citizenship: USA

Full name of eighth inventor: **Meihua Shen**

Inventor's signature: _____ Date: _____

Residence: Fremont, California
Post Office Address: 694 Perry Common
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of ninth inventor: **Farid Abooameri**

Inventor's signature: _____ Date: _____

Residence: Pleasanton, California
Post Office Address: 4159 Torino Court
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 U.S.A. Country of Citizenship Iran

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U.S.A. Country of Citizenship: USA

Full name of second inventor: **Thorsten B. Lill**

Inventor's signature:  Date: 6/11/03
Residence: Santa Clara, California
Post Office Address: 88 Muir Avenue
Santa Clara, CA 95051
U.S.A. Country of Citizenship: Germany

Full name of third inventor: **Yeajer Arthur Chen**

Inventor's signature: _____ Date: _____

Residence: Fremont, California

Post Office Address: 744 Bodega Court

Fremont, CA 94539

U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 4754 San Tropico Court

San Jose, CA 95135

U.S.A.

Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**

Inventor's signature: _____ Date: _____

Residence: Milpitas, California

Post Office Address: 755 East Capitol Ave #C-308

Milpitas, CA 95035

U.S.A.

Country of Citizenship: Indonesia

Full name of sixth inventor: **Shing-Li Sung**

Inventor's signature: _____ Date: _____

Residence: Hsin-Chu, Taiwan

Post Office Address: N0121, Alley 18, Lane 85, Fu-Chun Street

Hsin-Chu, Taiwan

TAIWAN

Country of Citizenship: Taiwan

Full name of seventh inventor: **Jitske K. Trevor-Kretz**

Inventor's signature: _____ Date: _____

Residence: Sunnyvale, California

Post Office Address: 1000 Escalon Avenue, #P1124

Sunnyvale, CA 94086

U.S.A.

Country of Citizenship: USA

Full name of eighth inventor: **Meihua Shen**

Inventor's signature: _____ Date: _____

Residence: Fremont, California

Post Office Address: 694 Perry Common

Fremont, CA 94539

U.S.A.

Country of Citizenship: USA

Full name of ninth inventor: **Farid Abooameri**

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Country:
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Application No: 60/444,340
Filing date: January 31, 2003

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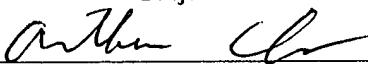
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U.S.A. Country of Citizenship: Germany

Full name of third inventor: **Yeajer Arthur Chen**
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Residence: Fremont, California
Post Office Address: 744 Bodega Court
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**
Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 4754 San Tropico Court
San Jose, CA 95135
U.S.A. Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**
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Residence: Milpitas, California
Post Office Address: 755 East Capitol Ave #C-308
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U.S.A. Country of Citizenship: Indonesia

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Post Office Address: N0121, Alley 18, Lane 85, Fu-Chun Street
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Inventor's signature: _____ Date: _____
Residence: Sunnyvale, California
Post Office Address: 1000 Escalon Avenue, #P1124
Sunnyvale, CA 94086
U.S.A. Country of Citizenship: USA

Full name of eighth inventor: **Meihua Shen**
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Residence: Fremont, California
Post Office Address: 694 Perry Common
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Full name of fourth inventor: Mohit Jain

Mohit Jain

Inventor's signature: Mohit Kumar Jain Date: 09/05/03
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Milpitas, CA 95035

U.S.A. Country of Citizenship: Indonesia

Full name of sixth inventor: **Shing-Li Sung**

Shing-Li Sung

Full name of seventh inventor: **Jitske K. Trevor-Kretz**

Jitske K. Trevor-Kretz

Inventor's signature: _____ Date: _____
Residence: Sunnyvale, California
Post Office Address: 1000 Escalon Avenue, #P1124
 Sunnyvale, CA 94086
 U.S.A. Country of Citizenship: USA

Full name of eighth inventor: Meihua Shen

Meihua Shen

Inventor's signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 694 Perry Common
Fremont, CA 94539
U.S.A. Country of Citizenship USA

Full name of ninth inventor: **Farid Abooameri**

Inventor's signature: _____ Date: _____
Residence: Pleasanton, California
Post Office Address: 4159 Torino Court
Pleasanton, CA 94588
U.S.A. Country of Citizenship Iran

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

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Residence: Fremont, California

Post Office Address: 744 Bodega Court

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U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 4754 San Tropico Court

San Jose, CA 95135

U.S.A.

Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**

Inventor's signature: Nicolas Gani Date: 6/13/03

Residence: Milpitas, California

Post Office Address: 755 East Capitol Ave #C-308

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U.S.A.

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Full name of sixth inventor: **Shing-Li Sung**

Inventor's signature: Shing-Li Sung Date: 6/30, 03

Residence: Hsin-Chu, Taiwan
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Residence: San Jose Sunnyvale, California
Post Office Address: 1000 Escalon Avenue, #P1124 343 Henderson Dr
Sunnyvale, CA 94086 San Jose, CA 95123 *JKL*
U.S.A. Country of Citizenship: USA New Zealand

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Inventor's signature: _____ Date: _____
Residence: Fremont, California
Post Office Address: 744 Bodega Court
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**
Inventor's signature: _____ Date: _____
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Post Office Address: 4754 San Tropico Court
San Jose, CA 95135
U.S.A. Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**
Inventor's signature: _____ Date: _____
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Post Office Address: 755 East Capitol Ave #C-308
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U.S.A. Country of Citizenship: Indonesia

Full name of sixth inventor: **Shing-Li Sung**
Inventor's signature: _____ Date: _____
Residence: Hsin-Chu, Taiwan
Post Office Address: N0121, Alley 18, Lane 85, Fu-Chun Street
Hsin-Chu, Taiwan
TAIWAN Country of Citizenship: Taiwan

Full name of seventh inventor: **Jitske K. Trevor-Kretz**
Inventor's signature: _____ Date: _____
Residence: Sunnyvale, California
Post Office Address: 1000 Escalon Avenue, #P1124
Sunnyvale, CA 94086
U.S.A. Country of Citizenship: USA

Full name of eighth inventor: **Meihua Shen**
Inventor's signature: Meihua Shen Date: 6-11-03
Residence: Fremont, California
Post Office Address: 694 Perry Common
Fremont, CA 94539
U.S.A. Country of Citizenship: USA

Full name of ninth inventor: **Farid Abooameri**

Inventor's signature: _____ Date: _____

Residence: Pleasanton, California

Post Office Address: 4159 Torino Court

Pleasanton, CA 94588

U.S.A.

Country of Citizenship Iran

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- [X] original
[] divisional
[] continuation
[] continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"PROCESS FOR ETCHING POLYSILICON GATES WITH GOOD MASK SELECTIVITY, CRITICAL DIMENSION CONTROL, AND CLEANLINESS"

SPECIFICATION IDENTIFICATION

The specification of which:

- [X] is attached hereto
[] was filed on _____, under Serial No. (unknown), executed on even date herewith; or
[] Express Mail No. _____ (as Serial No. not yet known)
and was amended on _____ (if applicable)
[] was described and claimed in PCT international application no. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty, there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- No such applications have been filed.
 Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos. for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. US Provisional applications filed within 12 months prior to this U.S. Application

Application No: 60/444,340
Filing date: January 31, 2003

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- No such applications have been filed
 Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Status</u>
			Pending
			Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glenn	Registration No. 44,713
Francis E. Morris	Registration No. 24,615

Send correspondence to: **Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Francis E. Morris
Phone No. (650) 493-4935

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **Songlin Xu**

Inventor's signature: _____ Date: _____
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Full name of second inventor: **Thorsten B. Lill**

Inventor's signature: _____ Date: _____
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Full name of third inventor: **Yeajer Arthur Chen**

Inventor's signature: _____ Date: _____

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U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **Mohit Jain**

Inventor's signature: _____ Date: _____

Residence: San Jose, California

Post Office Address: 4754 San Tropico Court

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U.S.A.

Country of Citizenship: India

Full name of fifth inventor: **Nicolas Gani**

Inventor's signature: _____ Date: _____

Residence: Milpitas, California

Post Office Address: 755 East Capitol Ave #C-308

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U.S.A.

Country of Citizenship: Indonesia

Full name of sixth inventor: **Shing-Li Sung**

Inventor's signature: _____ Date: _____

Residence: Hsin-Chu, Taiwan

Post Office Address: N0121, Alley 18, Lane 85, Fu-Chun Street

Hsin-Chu, Taiwan

TAIWAN

Country of Citizenship: Taiwan

Full name of seventh inventor: **Jitske K. Trevor-Kretz**

Inventor's signature: _____ Date: _____

Residence: Sunnyvale, California

Post Office Address: 1000 Escalon Avenue, #P1124

Sunnyvale, CA 94086

U.S.A.

Country of Citizenship: USA

Full name of eighth inventor: **Meihua Shen**

Inventor's signature: _____ Date: _____

Residence: Fremont, California

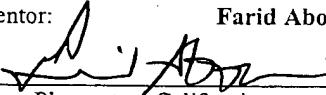
Post Office Address: 694 Perry Common

Fremont, CA 94539

U.S.A.

Country of Citizenship: USA

Full name of ninth inventor: **Farid Abooameri**

Inventor's signature:  Date: 7/28/03

Residence: Pleasanton, California

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Country of Citizenship Iran

(Declaration ends with this page)